

Process for direct substitution of high performance polymers with unsaturated ester groups

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Abstract

Disclosed is a process which comprises reacting a polymer of the general formula or wherein x is an integer of 0 or 1; and A and B are specified groups, and n is an integer representing the number of repeating monomer units, with (i) a formaldehyde source, and (ii) an unsaturated acid in the presence of an acid catalyst, thereby forming a curable polymer with unsaturated ester groups. Also disclosed is a process for preparing an ink jet printhead with the above polymer.

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